

Claims Status

1. (original) A method of locating one or more salts of a compound, said salts having a solubility in a cyclodextrin equal to or greater than a desired target solubility, comprising obtaining a series of salts of said compound, determining the equilibrium solubility of each salt in said series in an aqueous solution of said cyclodextrin, and comparing each measured solubility with said target solubility.

2. (original) A method of determining a useful salt, from within a series of salts of a particular medicinal compound, for use in making a composition of matter comprising said salt and a cyclodextrin, said method comprising:

- a. obtaining said series of salts;
- b. determining the equilibrium solubility, in aqueous cyclodextrin solution, of each of said salts in said series; and
- c. selecting, as said useful salt, a salt in said series having a solubility in said cyclodextrin solution equal to or greater than a desired target solubility.

3. (original) A method of determining a useful salt, from within a series of salts of a particular medicinal compound, for use in making a composition of matter comprising an inclusion complex of said salt in a cyclodextrin, said method comprising:

- a. determining a quantity of said medicinal compound required for therapeutic efficacy;
- b. choosing a maximum total dose in which to administer said quantity of medicinal compound;
- c. calculating the minimum required solubility of a salt of said compound necessary to formulate said maximum total dose;
- d. obtaining said series of salts;
- e. determining the equilibrium solubility of each of said salts in said cyclodextrin; and
- f. selecting, as said useful salt, a salt from said series having an equilibrium solubility in said cyclodextrin sufficient to permit making a total dose equal to or less than said maximum total dose.